2/2017-18.

7/01 ರಂದ 357200 ರ

executive Engineer 20/05
yatarayanapura Division
BBMP, Bangalore-92
20/06
20/06

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357101

Serial No. 1st and last B.Y

Name of Work Development of Roads in ward No. 6. Sidlaghatta

Name of Contractor of nature of Agency Sri Venkata Reddy

Date of commencement of work 2nd Cont. - Rs 40- Only

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	H/AC - P 1771	Tot	No:- 008 - 17 - 000016				
	W.O. No:- CE/BTP/WO/61/2017-18						
	A.S. No:- AS/IC/YNK/20/16-17 26/12/16						
	T.S. No:- TS/CE/YNK/149/16-17 27/2/17						
	Tender Amt:- Rs 14,18,958.98						
	Date of starting 02/08/17						
	Date of Completion 28/09/17						
	Date of Recording 28/09/17						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item no (1) Lead for disposal of debris shall be payable as carriage rates by mechanical means including loading and unloading -						
	Qty vide pno 35/3181 Hills MB -					972.94 cum	
	@ Rs 114.09/m3					Rs 110992 -	
	Item no (2) Clearing and grubbing road land including uprooting of bush vegetation grass, bamboos, shrubs, saplings and						

M. A.
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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	disposal of unserviceable complete as per spec	
	Qty vide pno 35/	
	@ Rs 9.7	
	Item no (3) Earthwork cum ex	
	manual mean cum a	
	rated lead free (mak	
	demand comple	
	Qty vide pno 3	

Contents 7	Reference to last Measurement 8
972.94 cum	
Rs 11,092-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357102

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	disposal of unserviceable materials complete as per specification as per wide plan no 357181 (Thus Rs - 3246.0 m² @ Rs 9.72/m²						Rs 31,551-00
Item no (3)	Earthwork cutting excavation by manual mean cutting ordinary soil excavated & spread levelled and roughly dressed complete as per specification as per wide plan no 357182 (Thus Rs					54.53 m³ @ Rs 9.72/m³	Rs 530-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item (4)	providing and laying in position plain cement concrete (M 15) 1:3:6 with OPC cement @ 220 kgs/m³ with 40 mm and down size graded granite metal coarse aggregate @ 0.89 m³ and fine aggregate @ 0.46 cum machine mixed concrete laid in layers not exceeding 15cm thick in foundation/ CC/ RR masonry including labour hire & making curing complete as per specification						

Serial No. ..... From.

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Qty vide pno 35718	
Item (5)	providing and granite/ trap/ basal stone coarse masonry in hard stones at 2 each course	

OK

epth 6	Contents 7	Reference to last Measurement 8
24		
sty		
.14		
3		
5		
?		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357103

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide pno 357182 thus MB - CR 5236 · 97/43					10·17 cum	R 5325 - 10
2no (5)	providing and Constructing gen. rubble/trap/basket fige stone masonry cen basement with cem 1:6 bond stones at 2m apart cen each course including cost of						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Materials, labour, cering Complete as per Specifiction						
		1	30.N	0.45	(0.60+0.90)/2	=10.12cum	
		1	30.N	0.45	(0.90+1.14)/2	=13.50cum	
		1	2.50	0.45	1.10	1.23cum	
					Total	24.82cum	
					Deduct to	24.41cum	
						Rs19,739=N	
	@Rs490.36/m3						
2no. (1)	providing and Laying in position Plain Cement Concrete of mix M20						

M. A.
Mea

Serial No. ..... From
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	With opc Cement and dues fine aggre Coarse agg @ 0.69cum @ 0.45cum machine Laid cum Layers of thick well Compacte with considering Labours. Item of work Complete as per	(1) 3

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.90)	= 10.12 cum	
1.14	= 13.50 cum	
0.23	= 1.23 cum	
	24.82 cum	
	R4.41 cum	
	Rft 19,739 = N	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357104

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	With opc cement @ 340 kg/ with 20mm and down fine graded granite metal course ref @ 0.69 cum and the reflegate @ 0.459 cum machine mixed concrete laid cin layers not exceeding 150mm thick well compacted cin foundation, plinth cinsluding cost of all materials labour, Hire of machinery, curing complete as per specifiction	240		1·2·1			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Curing	1	Bi-N	0.41	0.07	= 1.18 cum	
Sno. (6)	Providing and la... @ Rs 490.72/m3						Rs 6,479=N
Sno. (7)	providing and laying cm position plain cement concrete of mix m 20 with opc cement at 300 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum machine mixed concrete laid cm layers not exceeding 10cm thick						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Well Compacted cem... including the cost... labour, cartage, etc... complete as per ...	

OK

Depth 6	Contents 7	Reference to last Measurement 8
71	1·18 cum	Rs 6,479=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357105

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Wet Compacted cen plinth and back filling including the cost of all materials, labour, centage, Hire of machinery complete as per Specifications vide Note Book No 357183				this MB	18·79 m³	Rs 10,31,70=00
	Cubl 5480·72 m³						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inv. (9)	providing and fixing M.S. blocks pipe of 38mm dia of heavy gauge of 14 including removing the bends, cutting the pipe and fixing piper in between the two vertical poles (M.S. Rectangular poles) and the Spot Welding the chain with M.S. blocks pipe including cost of all materials, with all lead and lift including the two coats of the approved quality paint Complete	(2×58)	1.00m			174.Nos	Rs 58,818.00
		@ 2,338.04/mt					

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Inv. (8)	Supplying and de poles made of 6" (7 6i) Chan and fixed ce of 16mm dia M of length 25cm all material complete as pe engineer-i

BOOK

...s		Contents	Reference to last Measurement
...dth	Depth 6	7	8
...ks ...ange ...the ...ting ...ical ...and ...hts ...ng ...ead ...ats	74.N₁N	Rs 58,818.-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357106

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
2nd ⑧	Supplying and laying M.S. Rectangle de poles made out of 2 equal angles of 65 65 Cam welded to gether end fixed circle 1:2:4 with 2 nos of 16 mm dia M.S hold fast rods each of length 25 cms including Cost of all materials. cutting, bending complete as per the directions of Engineer-in-charge of the work						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&F.C. Q/29/11	146	2.30	–	–	266.80mN	
		(R991.44/RmN					Rs 2,64,516=00
2nd (16)	providing chain link fencing 12mm Size & 8 gauge properly Stretched blw rectangular poles and fixed with suitable bolts & nuts the free end shall be welded to the poles and blocks pipes at top and bottom as required (including the						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	cost of all materials complete as per ... & ... Post Rail gland Barbed K.E.B N/s E/s S/s	

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
-	-	266.80 m²	
		@ 264.5160	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357107

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Cost of all materials, labour, lead and lift complete as per the direction & Engineer-in-charge of the work						
	Foot Ball ground	1	31.00	1.50	-	46.50 m²	
	Boundle KEB N/s	1	30.00	1.50	-	45.00	
		1	22.50	1.50	-	33.75	
	E/s	1	31.00	1.50	-	46.50	
		1	30.00	1.50	-	45.00	
		1	10.00	1.50	-	15.00	
	S/s	1				231.75 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2nd (11)			(2697.68) m²			231.75 m²	Rs 161687-00
	providing and fixing M.S. gates as per drawing architect drawing using 50mm × 50mm 14 gauge M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm × 6mm and 16mm × 16mm square rods for vertical & horizontal spaced at 4cm c/c as shown in the drawing &c.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Gate no. (1) opp. Ganga temple Gate no. (3) Gate no. (4) gate no. (5) Gate no. (6) " (2)

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
	231·75 m²	Rs 161687-00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357108

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Gate no. (1)	1	4·00	2·50	–	10·00 m²	
	Opp. Ganesh temple (2)	1	3·50	2·50	–	8·75	
	Gate no. (3)	1	3·20	2·50	–	8·00	
	Gate no. (4)	1	3·84	2·50	–	9·60	
	gate no. (5)	1	1·50	2·50	–	3·75	
	gate no. (6)	1	4·00	2·50	–	10·00	
	" (7)	1	4·60	2·50	–	11·50	
						66·80 m²	
						58·050	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			@Rs 329.40/m²		Qty	56.00 m²	Rs 18,436 cr
	Sno.(12) providing and applying enamel metal paint one coat excluding priming coat on previously painted steel or other metal surface complete as per spec finder						
	Qty vide Sno.(11)					56.00 m²	
			@Rs 35.44/m²			= 112 m²	Rs 3,969 cr

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Assistant Executive Engine
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M
Bangalore.

Depth 6	Contents 7	Reference to last Measurement 8
	56 - Nos	Rs 184766 zr
	112 m²	Rs 3969 zN

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357109

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Plinth	Rs 10,99,486 zN	

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

28/9/17

All measurements has accepted.

MEASUREMENT BOOK

N

(Not to scale)

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14th main						
	KEB		football ground	24 ಅಡಿ ಬಫರ್	Ground		Ganesh Temple
				Disc			
	13th main						

Assistant Executive Engineer, Division, B.M.P.

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

10,99

10,6

Rs. Ten Lakh Sixty

Sixhundred seventy

OOK

(Not to scale)

Depth 6	Contents 7	Reference to last Measurement 8

Ganesh Temple

Executive Engineer,
Division,
B.M.P.,

M. A. R. 57 (Rule 11

Measurement Book

No. B 357110

Serial No. .....

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Total Rs.	10,99,480-00	
	10,99480-00				IT-	10995-00	
	34804-00				Cess-	10995-00	
	10,64,676-00				CBF-	1099-00	
	Rs. Ten Lakhs Sixty four thousand Six hundred seventy six only.				L.R.	9895-00	
					Fire	1820-00	
					ADS-	34804-00	
					Cheque:	10,64676-00	